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TECH CENTER 1600/2900

750 Beirne Drive
Houston, TX 77057-2198
Phone 713.787.1400
Fax 713.787.1440
E-mail: buntel@howrey.com

Christopher J. Buntel, Ph.D.
Direct Dial: 713.787.1569
E-mail: buntel@howrey.com

Via Federal Express

Susan D. Coe, Examiner
Attn: Group 1600, 7th Floor Reception
United States Patent and Trademark Office
Crystal Mall 1
1911 South Clark St.
Arlington, VA 22202

Re: *U.S. Patent Application Serial No. 10/021,970 entitled "Compositions Containing Beta-Glucan and Lactoferrin and Their Use"*
Our Ref.: 13479.0002.CPUS01

Dear Ms. Coe:

Enclosed is a graphic prepared by our client explaining the non-obviousness of the claimed compositions.

Please call me when you have had a chance to review the graphic. I intend to file a response to the October 21, 2002 Office Action by January 21, 2003, and would like it to place the claims in the best possible condition.

Very truly yours,

A handwritten signature in black ink, appearing to read "Christopher J. Buntel, Ph.D."

Christopher J. Buntel, Ph.D.

CJB:nn
Enclosure

Synergistic Effect of Compositions Comprising Beta glucan & Lactoferrin

**The Instant Invention Promotes the Efficacy
of each Ingredient and Mitigates the Detriments**

1st Ingredient

Properties of Beta glucan

Novelty of Interaction is to allow Long-Term Sustained Benefits through Daily Use of Each Ingredient without the Negative Side-Effects

Macrophage Activation

Activated Macrophages & Increased Neutrophils for Effective Elimination of Bacterial, Viral, or Fungal Insults

Promotes TNF-Alpha Production

Helps to Balance TNF-Alpha Production. Decreases in TNF-Alpha Production Exposes the Host to an Increased Risk of Cancer Growth

Promotes TNF-Alpha Production

Helps to Balance TNF-Alpha Production. Increases in TNF-Alpha lead to Chronic Inflammation and Promote Disease Processes.

Promotes IL-6 Production

Interleukin 6 Promotes Inflammation thereby Impairing Repair of Vital Tissue

Over-activate the Immune System

Balance is achieved when the two ingredients are

2nd Ingredient

Properties of Lactoferrin

Neutrophil Proliferation

Inhibits TNF-Alpha Production

Inhibits TNF-Alpha Production

Inhibits IL-6 Production

Immune System Modulation

Legend

Positive Benefit

Negative Side-Effect